

D:\COOLEY LLP \COMPANY:777 SIXTH STREET N.W.

**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE



SEPTEMBER 01, 2010

\*501278821A\*

PTAS

COOLEY LLP  
777 SIXTH STREET N.W.  
SUITE 1100  
WASHINGTON, DC 20001

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 09/01/2010

REEL/FRAME: 024915/0502  
NUMBER OF PAGES: 7

BRIEF: MERGER (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 310568-2000 PATENTGENERAL

## ASSIGNOR:

GREENPLUM, INC.

DOC DATE: 07/29/2010

## ASSIGNEE:

EMC CORPORATION  
176 SOUTH STREET  
HOPKINTON, MASSACHUSETTS 01748

SERIAL NUMBER: 12347728

FILING DATE: 12/31/2008

PATENT NUMBER:

ISSUE DATE:

TITLE: APPARATUS AND METHOD FOR PARALLEL PROCESSING OF A QUERY

SERIAL NUMBER: 12499697

FILING DATE: 07/08/2009

PATENT NUMBER:

ISSUE DATE:

TITLE: APPARATUS AND METHOD FOR READ OPTIMIZED BULK DATA STORAGE

J.COOLEY LLP COMPANY:777 SIXTH STREET N.W.

024915/0502 PAGE 2

SERIAL NUMBER: 12417550 FILING DATE: 04/02/2009  
PATENT NUMBER: ISSUE DATE:  
TITLE: APPARATUS AND METHOD FOR INTEGRATING MAP-REDUCE INTO A DISTRIBUTED  
RELATIONAL DATABASE

SERIAL NUMBER: 12555629 FILING DATE: 09/08/2009  
PATENT NUMBER: ISSUE DATE:  
TITLE: APPARATUS AND METHOD FOR HEAP SORTING WITH COLLAPSED VALUES AND  
SELECTIVE VALUE EXPANSION

SERIAL NUMBER: 12646716 FILING DATE: 12/23/2009  
PATENT NUMBER: ISSUE DATE:  
TITLE: APPARATUS AND METHOD FOR ANALYZING QUERY OPTIMIZER PERFORMANCE

SERIAL NUMBER: 12751208 FILING DATE: 03/31/2010  
PATENT NUMBER: ISSUE DATE:  
TITLE: APPARATUS AND METHOD FOR QUERY PRIORITIZATION IN A SHARED NOTHING  
DISTRIBUTED DATABASE

SERIAL NUMBER: 12788256 FILING DATE: 05/26/2010  
PATENT NUMBER: ISSUE DATE:  
TITLE: APPARATUS AND METHOD FOR EXPANDING A SHARED-NOTHING SYSTEM

SERIAL NUMBER: 10078447 FILING DATE: 02/21/2002  
PATENT NUMBER: 7162467 ISSUE DATE: 01/09/2007  
TITLE: SYSTEMS AND METHODS FOR MANAGING DISTRIBUTED DATABASE RESOURCES

ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION

D:\COOLEY LLP COMPANY\777 SIXTH STREET N.W.

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.109/01/2010  
501278821

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER
EFFECTIVE DATE:	08/30/2010
CONVEYING PARTY DATA	
Name	Execution Date
GREENPLUM, INC.	07/28/2010
RECEIVING PARTY DATA	
Name:	EMC CORPORATION
Street Address:	178 South Street
City:	Hopkinton
State/Country:	MASSACHUSETTS
Postal Code:	01748
PROPERTY NUMBERS Total: 8	
Property Type	Number
Patent Number:	7162467
Application Number:	12347728
Application Number:	12499897
Application Number:	12417550
Application Number:	12555628
Application Number:	12646716
Application Number:	12751208
Application Number:	12788256
CORRESPONDENCE DATA	
Fax Number:	(202)842-7889
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.	
Phone:	202-842-7800
Email:	ksmith@cooley.com
Correspondent Name:	COOLEY LLP

Clf \$320.00 7162467

J:COOLEY LLP COMPANY:777 SIXTH STREET N.W.

Address Line 1: 777 Sixth Street N.W.	
Address Line 2: Suite 1100	
Address Line 4: Washington, DISTRICT OF COLUMBIA 20001	
ATTORNEY DOCKET NUMBER:	310588-2000 PATENT GENERAL
NAME OF SUBMITTER:	William S. Galliani
Total Attachments: 5 source=EMC-MERGER#page1.tif source=EMC-MERGER#page2.tif source=EMC-MERGER#page3.tif source=EMC-MERGER#page4.tif source=EMC-MERGER#page5.tif	